

# INPEX AUSTRALIA PTY LIMITED ICHTHYS ONSHORE LNG FACILITY



**The Ichthys LNG onshore facility is located near Darwin in the Northern Territory, Australia. The project is expected to produce 8.9 million tonnes of LNG and 1.6 million tonnes of LPG per annum, along with more than 100,000 barrels of condensate per day at peak and is one of the most significant onshore LNG facilities in the world.**

**Client:** JKC Australia LNG Pty Ltd

**Year:** 2017 - 2019

**Product/Service:** Integrated services

## Scope of Work

A major development in the Australian LNG story, the Ichthys Project in Darwin, Northern Territory combines two trains for a total output of nearly 9 million tonnes per annum of LNG.

EnerMech's scope of work included Construction and Commissioning- both Mechanical and Electrical/ Instrumentation, Nitrogen Purging and Leak Testing, AGRU Degreasing, Chemical Cleaning and Passivation, Aquamilling/ Hydroblasting, Air Blowing, Pipeline and Unit Drying, Flange Management, On-Site Machining, PSV/ Valve Testing and Overhauls.

## Project Delivery

The Ichthys Project is a shining example of EnerMech's engineering and construction management prowess.

Initially contracted for a small industrial services scope, it didn't take long for JKC to see the value in EnerMech's flexible and dependable approach to supporting their goals. EnerMech soon grew to one of the tier one contractors with upwards of 700 personnel and activities that spanned over 4 years.

There was almost no activity in the construction and commissioning of the Ichthys Project that didn't involve EnerMech in some way. It is a jewel in the crown of our Australian achievements.

## Key Benefits

EnerMech demonstrated supreme flexibility in our service offering – expanding from discrete pre-commissioning services to provide an all-encompassing mechanical, electrical & instrumentation construction and commissioning project team

EnerMech received Four Emerald awards in recognition of outstanding contributions to environmental management

Over 25 million litres of chemical cleaning effluent treated through a purpose-built, tubular membrane filtration system to minimise waste and significantly reduce waste disposal cost to JKC.